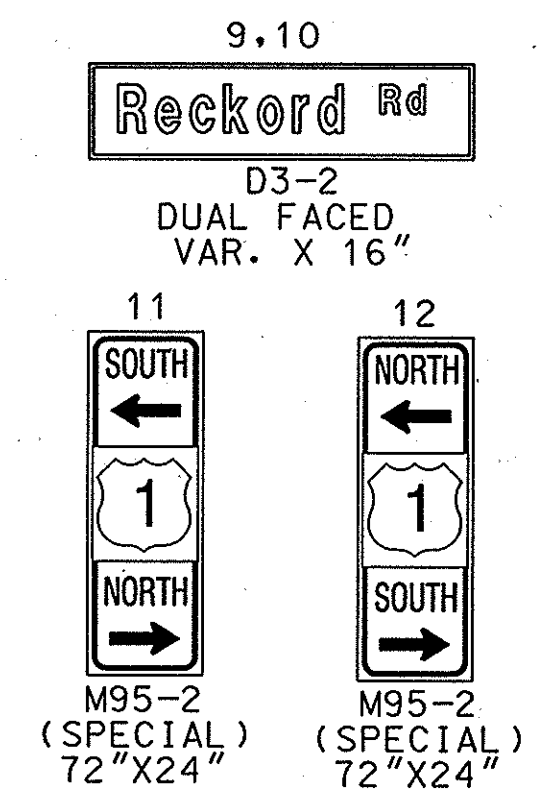


U.S. 1 is assumed to run in
an North / South direction

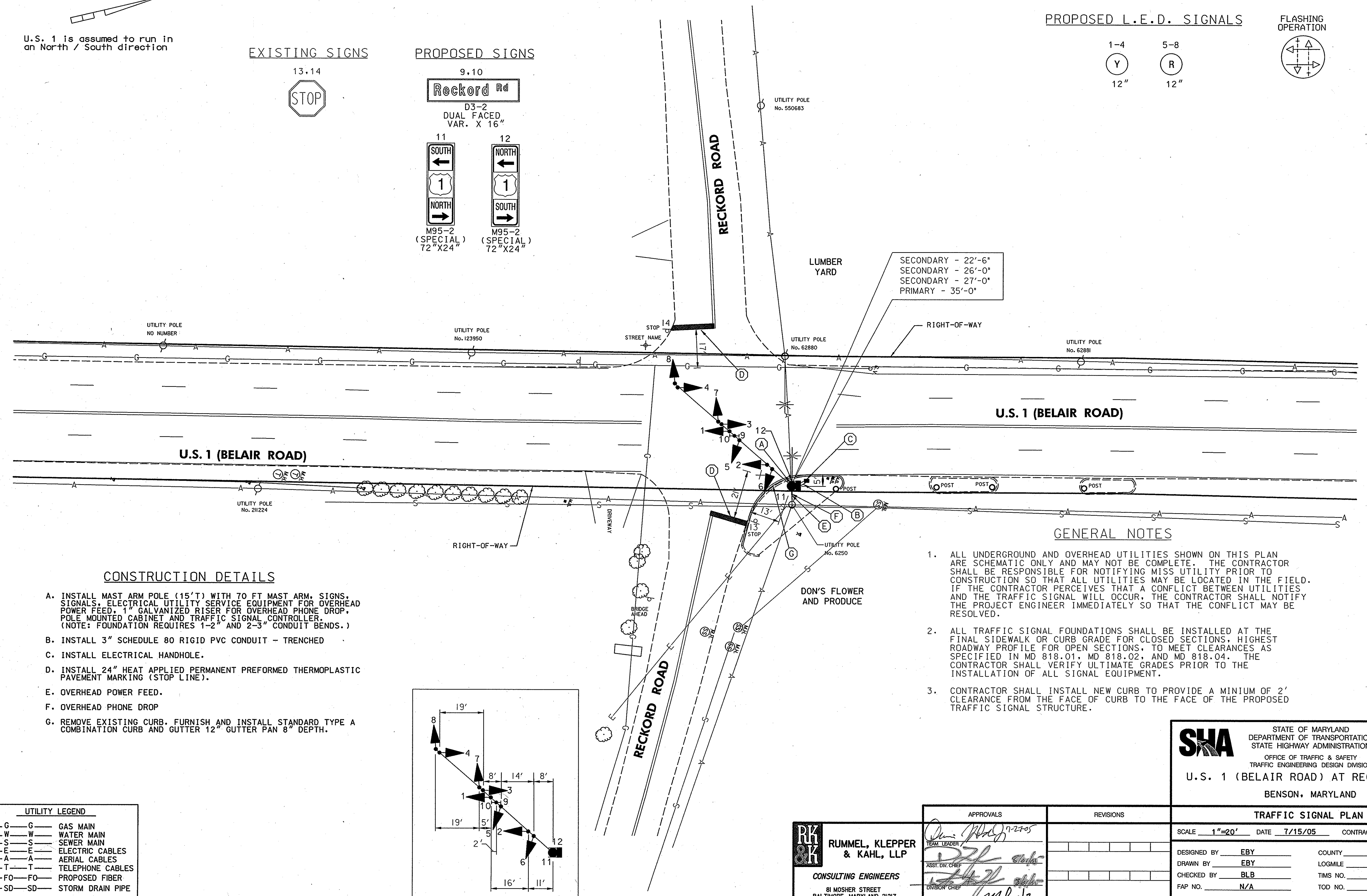
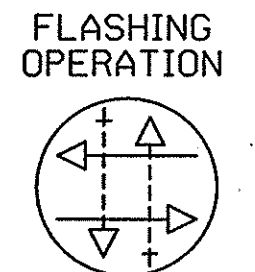
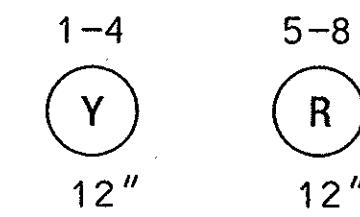
EXISTING SIGNS



PROPOSED SIGNS

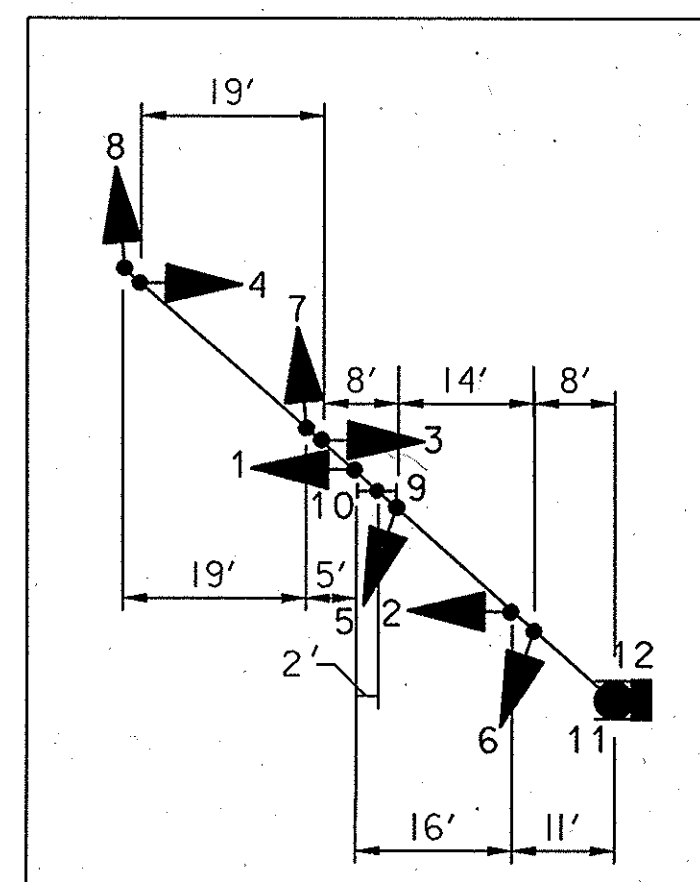


PROPOSED L.E.D. SIGNALS



CONSTRUCTION DETAILS

- INSTALL MAST ARM POLE (15' T) WITH 70 FT MAST ARM, SIGNS, SIGNALS, ELECTRICAL UTILITY SERVICE EQUIPMENT FOR OVERHEAD POWER FEED, 1" GALVANIZED RISER FOR OVERHEAD PHONE DROP, POLE MOUNTED CABINET AND TRAFFIC SIGNAL CONTROLLER. (NOTE: FOUNDATION REQUIRES 1-2" AND 2-3" CONDUIT BENDS.)
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 24" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- OVERHEAD POWER FEED.
- OVERHEAD PHONE DROP
- REMOVE EXISTING CURB. FURNISH AND INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER 12" GUTTER PAN 8" DEPTH.



SECONDARY - 22'-6"
SECONDARY - 26'-0"
SECONDARY - 27'-0"
PRIMARY - 35'-0"

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- CONTRACTOR SHALL INSTALL NEW CURB TO PROVIDE A MINIMUM OF 2' CLEARANCE FROM THE FACE OF CURB TO THE FACE OF THE PROPOSED TRAFFIC SIGNAL STRUCTURE.

UTILITY LEGEND

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES
— FO —	PROPOSED FIBER
— SD —	STORM DRAIN PIPE
— CAT —	CABLE TV



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

U.S. 1 (BELAIR ROAD) AT RECKORD ROAD

BENSON, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE 7/15/05 CONTRACT NO. AT7175185

DESIGNED BY	EBY	COUNTY	HARFORD
DRAWN BY	EBY	LOGMILE	12001000.52
CHECKED BY	BLB	TMS NO.	H007
FAP NO.	N/A	TOD NO.	

TS NO. 4432	DRAWING	—	OF	SHEET NO. 1 OF 2
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APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

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